



Highlands Record

Wind Monitoring Study a Success

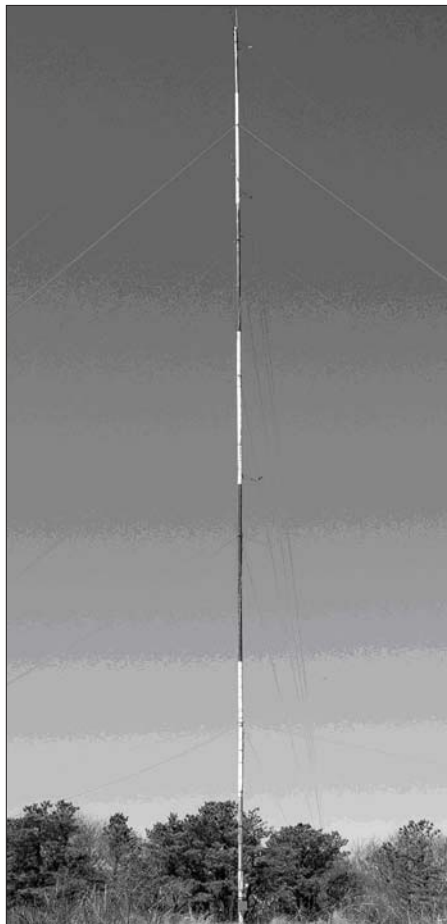
June 2007

On April 25, a little more than one year from the date of its installation, the Meteorological (MET) Tower at the Highlands Center was disassembled by members of the UMass Amherst Renewable Energy Research Laboratory (RERL).

The 164 foot MET Tower fulfilled its purpose of measuring data every 10 minutes for one year, including wind speed, wind direction, temperature, and barometric pressure on site. The data collected will be used to assess conditions at the Highlands Center to scientifically determine its feasibility as a future site for installation of wind turbines.

Annual average wind speed on site was measured at 7.63 m/s, or 17.07 mph, with a southwesterly prevailing wind direction. RERL Research Fellow Tony Ellis reports that this makes the Highlands Center, "probably the best site we have measured in Massachusetts," with the most comparably windy sites being offshore.

Complete data from the MET Tower can be accessed through the RERL website:
http://www.ceere.org/rerl/publications/resource_data/Truro/



Meteorological (MET) Tower as it stood for the past year at the Highlands Center.



Lowering of the Meteorological (MET) Tower.



Tony Ellis and UMass RERL crew members pose after lowering the wind data MET tower.

Highlands Fest 2007



Join us rain or shine on Saturday, July 7 from 11 AM to 5 PM for a day of art and science, while learning about the largest and most exciting collaborative redevelopment project the Outer Cape has ever seen! This marks the second year that Program Partners will come together to present Highlands Fest, an event designed to showcase the vision of the Highlands Center to the Cape Cod Community in a celebration of art, science, and education.

Program Partners will offer a variety of activities, including a puppet show, art projects, and science activities for kids, a picnic lunch, poetry reading, professional storytelling, interpretive tours, presentations, and more! All activities are free!

See page 4 for a full schedule of events.



National Guard units temporarily set up at the NPS Atlantic Research Center.



Maps and aerial photos are consulted in the WMD exercise.

Northeastern National Guard Units Conduct Exercises at Highlands Center

During the second week in May, weapons of mass destruction (WMD) response teams came to the Highlands Center to participate in lengthy training exercises to test their efficiency in responding to an actual WMD event. Civil Support Teams (CSTs) from Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont joined with regional units, including Massachusetts National Guard's weapons of mass destruction response team, and an incident site communications system.

About 300 soldiers and airmen participated in this event, rotating through various operations during a series of two-hour scenarios.

CSTs specialize in technical advice on determining the nature and extent of WMD incidents. Teams are equipped to rapidly identify hazardous materials and their potential consequences, assess the type and extent of attack, and advise additional military support accordingly.

The Highlands Center served as a prime location for the Northeastern National Guard Units to conduct the necessary exercises this spring. The site has a continued role, begun by the United States Air Force and maintained by the FAA and special events such as this, in the ongoing support of homeland security initiatives.

Partner Happenings

This summer, guests will be able to attend a host of events at the Highlands Center, such as a season of theater and other interpretive programs offered at the performance tent, Highlands Fest 2007, and bi-weekly ranger guided tours of the Highlands Center's Cold War history. (Highlands Fest activities produced by the various partners are listed on page 4.)

Cape Cod National Seashore

www.nps.gov/caco

Come along with a ranger to explore Truro's Cold War Past on several Thursdays this summer. A complete guide to the park's summer programs and special presentations and an abundance of other information can be found on the park's website.

Barnstable County's AmeriCorps Cape Cod

Phone: 508-375-6869

Website: <http://www.rdoac.org/ameri-corps/>

The AmeriCorps program continues to shine with extensive community service projects throughout Cape Cod. See the website for more about their mission to address land and water conservation, environmental education, and disaster preparedness.

Fine Arts Work Center in Provincetown

Phone: 508-487-9960

Website: www.FAWC.org

The Fine Arts Work Center has an exciting line up of readings, classes and special events. See website for scheduling and the work of their fellows and students.

Highlands Center, Incorporated

Phone: 508-255-2239

Website: www.hcitruro.org

In collaboration with the Cultural Center of Cape Cod in South Yarmouth, Highlands Center, Inc. presents traditional (wet-process) photographer Paul Wainwright from June 29 - July 29, 2007. Wainwright will display interpretive images of landscapes and 19th-century architecture. The exhibit will also feature sculpture by Fielding Brown. See their website for more about this and other activities.

Payomet Performing Arts Center in Truro

Box Office Phone: 508-487-5400

Website: www.payomet.org

Payomet Performing Arts Center in Truro has a diverse and exciting new schedule with expanded performance activities. Please enjoy music, comedy, a play, a class, a reading, yoga or an independent film. See their schedule for the 2007 season on the web.

Truro Center for the Arts at Castle Hill

Phone: 508-349-7511

Website: www.castlehill.org75

Truro Center for the Arts at Castle Hill will hold Kiln Building Workshops during fall of 2007. This will be the Cape's first and only wood-fired kiln. See their schedule for more details on the web.

Strides Made in Site Beautification at Annual Highlands Center Clean-Up Day

On Monday, May 21st, 2007, members of Barnstable County's AmeriCorps Wellfleet house worked with members of Homeward Bound, Truro Department of Public Works, and the park planning and maintenance divisions on the grounds of the Highlands Center at Cape Cod National Seashore. This marks the 8th consecutive year in which AmeriCorps Cape Cod has helped with site improvement efforts at the Highlands Center.

"Highlands Center's potential as a nonprofit arts and science center is beginning to bear fruit," said the Cape Cod National Seashore's Highlands Center Project Manager Lauren McKean. "The spring clean-up day was an exciting opportunity to get the site ready for the community to see this summer, and we really created some lasting improvements."

The day's accomplishments included: the planting of native species for site beautification, installation of seating at the coastal overlook platform, creation of a loop trail by connecting two walking paths, trimming of overgrown vegetation, collection of windblown debris, and painting of a building. The abundance of tasks filled up the site with busy volunteers, town employees, AmeriCorps members, and park employees alike. Working together, mixed teams engaged in a variety of activities, resulting in a Highlands Center spruced up and ready to host a season of summer events. *See page 2 for more details.*



Members of Homeward Bound roll up their sleeves with a Friend of CCNS and ACC member to plant native species - low-bush blueberry, beach plum, bayberry, and inkberry.



AmeriCorps member Zach Sullivan deftly wields a drill as he and park staff install benches on the scenic ocean overlook.



AmeriCorps Member Leader Molly Kitchel smiles as she spruces up a building with a coat of paint.



Gretchen Glaub tackles some invasive species near the new plantings at the Payomet tent venue.



A group of AmeriCorps members finish the day with NPS Project Manager Lauren McKean and ACC Program Coordinator Gretchen Glaub.

Highlands Center, Incorporated Announces New Executive Director

Highlands Center, Incorporated (HCI), along with Cape Cod National Seashore and all of the other Program Partners, extend a welcome to Kyle Hinkle, recently appointed as HCI's new Executive Director. Ms. Hinkle replaces Bob Ciolek, who served as Executive Director since 2005.

Ms. Hinkle brings a 34-year background in business management to the project. As the president and chief executive officer of the Orleans Chamber of Commerce from March 2000 until March 2007, she is well acquainted with the Cape, having contributed to the success of the annual Pops in the Park concert in Orleans and advocated ardently for community participation in the implementation of the Flex Bus on the Outer Cape.



National Park Service
U.S. Department of the Interior

Cape Cod National Seashore
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This issue of the Highlands Record was created by AmeriCorps - Cape Cod member Chelsea Clarke with assistance from Cape Cod National Seashore's Marianne McCaffery.

For additional information concerning the Highlands Center at Cape Cod National Seashore, contact:

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The National Park Service cares for the special places saved by the American people so that all may experience our heritage.

HIGHLANDS FEST 2007 SCHEDULE OF EVENTS:

11 AM	Storytelling in the tent by Payomet Performing Arts Center in Truro
11:30 AM	Coastal Observation with Graham Giese of Center for Coastal Studies and Highlands Center, Incorporated (HCI)
11:35 AM	Clay Building for children with Truro Center for the Arts at Castle Hill
12 noon	Lunch at the Picnic Grove provided by HCI
12:15 PM	Interactive Water Education Activities by AmeriCorps Cape Cod, and Renewable Energy Exhibits with Cape Light Compact, Cape and Islands Self Reliance and more
1 PM	Puppet Show: <i>The Green Ribbon</i> , a story about recycling and community involvement by AmeriCorps Cape Cod
1 PM	Poetry Reading: Fine Arts Work Center in Provincetown presents Keith Althaus
1:30 PM	Wood-fired Kiln project overview by Joe McCaffery for Castle Hill
1:45 PM	Junior Artist Printmaking Program with Cape Cod National Seashore
2PM	Open House: Cape Cod National Seashore Atlantic Research Center
2:30 PM	Coastal Observation with Graham Giese of Provincetown Center for Coastal Studies and HCI
3:30 PM	Presentation: <i>East Harbor Salt Marsh Restoration Project</i> by Cape Cod National Seashore and AmeriCorps Cape Cod
3:30 PM	Ranger Guided Tour: <i>Highlands Center from Past to Present</i> by Cape Cod National Seashore

June 2007